



# भारत का राजपत्र

## The Gazette of India

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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके ।  
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

### भाग III—खण्ड 2

#### [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस  
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## CORRIGENDUM

In the Gazette of India, Part III, Section II, dated 6th June, 1987 under the heading "Complete Specification accepted" in column 2, of page 533

In respect of Patent No. 159785 below the structure of Formula 1

For 'II' Read I.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crescent brackets are the dates claimed under Section 135, of the Patents Act, 1970.

The 17th September, 1987

- 741/Cal/87. Italbond Spa. Compositions for protecting steel surfaces against atmospheric oxidation.
- 742/Cal/87. (1) Uni-Cardan AG., (2) Interatom GMBH. Process for producing an assembled camshaft as well as assembled camshaft consisting of a shaft tube and slid on elements.

The 18th September, 1987

- 743/Cal/87. Metallgesellschaft Aktiengesellschaft. Process of removing dust from collecting electrodes.
- 744/Cal/87. Magyar Alumíniumipari Trószrt. Process for obtaining gallium from sodium aluminate solution by cementation.
- 745/Cal/87. Helmuth Schmoock. Laminate combination and method of making thereof.
- 746/Cal/87. K. Jagan Mohan Rao and K. Savitri Rao. Ion selective electrodes.

The 21st September, 1987

- 747/Cal/87. Pevapriya Mukerjee. Cuper lowducting motors
- 748/Cal/87. Essex Group. Inc. Resin rich mica tape.
- 749/Cal/87. E. I. Du Pont De Nemours And Company. Dip penetration regulators for tire yarns.

The 22nd September, 1987

- 750/Cal/87. Baard Spydevold. A method for producing cellular pvc-plastic.
- 751/Cal/87. Universal Symetrics Corporation. Large stub bottles and mated combination unit.
- 752/Cal/87. AC Biotechnics AB. Anaerobic Process.
- 753/Cal/87. Engelhard Corporation. Catalytic cracking of metal contaminated feedstock.
- 754/Cal/87. Tsentralnaya Opytno-Metodicheskaya Expeditsiya Obiedineniya "Rosspeisgeologia". Air-supported building structure and method for its installation.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-600 002

The 31st August, 1987

- 625/Mas/87. Ravindra Bhandiwad. A yarn strength tester.
- 626/Mas/87. Adolf Brunner. Racket stringing tester.
- 627/Mas/87. ASEA Stal AB. Method in fluidized bed combustion.
- 628/Mas/87. Merichem Company. A method for producing sulfur dioxide or sulfuric acid. (Divisional to Patent Application No. 757/Mas/87)

- 629/Mas/87. Thinking Machines Corporation. Very large scale computer.

The 1st September, 1987

- 630/Mas/87. Amsted Industries Incorporated. Hardness Testing Apparatus.
- 631/Mas/87. AB Akerlund & Rausing. A method and device for tightness control of a joint.
- 632/Mas/87. AB Akerlund & Rausing. A device for re-orientation or packaging containers.
- 633/Mas/87. AB Akerlund & Rausing. A closure device for a packaging container.

The 2nd September, 1987

- 634/Mas/87. Rulgerswerke Aktiengesellschaft. Method for removing salts from coaltars and coal pitches.
- 635/Mas/87. Terry Randolph Galloway. Hazardous waste reactor system.
- 636/Mas/87. Mannesmann Aktiengesellschaft. Device for adjusting thread armour.
- 637/Mas/87. International Container Systems, Inc. Spacer tray for packaging containers.

The 3rd September, 1987

- 638/Mas/87. Advance Composite Components Limited. Improved method for moulding fibre reinforced laminates. (September 3, 1986; United Kingdom).

The 4th September, 1987

- 639/Mas/87. Mrs. Shalini Balakrishnan. Economy still.
- 640/Mas/87. T. M. Vatsala & V. Balaji. Microbial process for photohydrogen production from cellulose.
- 641/Mas/87. K. Karayannis. Device and method of accurate feeding plasticizing and cutting of sheets.
- 642/Mas/87. Institut Armand-Frappier. Integrated process for the production of food, feed and fuel from biomass.
- 643/Mas/87. Minnesota Mining and Manufacturing Company. Diaper having improved reinforced area for receiving adhesive fastening tape.
- 644/Mas/87. Vision Pharmaceuticals, Incorporated. Aqueous ophthalmic solutions for the treatment of dryness and/or irritation of human or animal eyes.

The 7th September 1987

- 645/Mas/87. Lucas Industries Public Limited Company. Improvements in self-energising disc brakes. (Great Britain; September 11, 1986).
- 646/Mas/87. Man Gutehoffnungshutte GMBH. Tube spacing grid.
- 647/Mas/87. Maschinenfabrik Rieter AG. Method for manufacturing a perforated body, friction spinning means using the perforated body and a friction spinning device using the friction spinning means.
- 648/Mas/87. Inco Alloys International, Inc. High temperature nickel base alloy with improved stability.
- 649/Mas/87. Reckitt & Colman Products Limited. An emanator for volatile liquids (Great Britain; September 12, 1986)

The 8th September 1987

- 650/Mas/87. G. Raja. Improved synthesis fish aggregating device.
- 651/Mas/87. Nuffield Nursing Homes Trust. Disposable device.

652 Mas/87. Cookson Group plc. A method of preventing glaze defects. (United Kingdom; September 19, 1986).

653 Mas/87. Cookson Group plc. A process for the preparation of pigments (Great Britain; September 19, 1986).

654 Mas/87. Teikoku Hormone Mfg. Co. Ltd. Pyridazinone derivatives.

655 Mas/87. David H. L. Bishop. Expression of hepatitis B viral antigens from recombinant beculovirus vectors (United Kingdom; September 8, 1986).

The 9th September, 1987

656 Mas/87. Appareillage Gardy Societe Anonyme. Disconnecting and connecting switch for alternating currents.

657 Mas/87. Maschinenfabrik Rieter AG. Friction spinning drum.

658 Mas/87. Dextec Metallurgical Pvt Ltd. An electrode for an electrolytic cell for the recovery of metals from metal bearing ores or concentrates and method of making same. (Australia; December 10, 1982).

659 Mas/87. American Standard Inc. Freight brake control valve having an emergency piston slide valve and graduating valve arranged to provide an accelerated brake application function.

660 Mas/87. Marotta Scientific Controls, Inc. Valve for fire suppression.

The 10th September, 1987

661 Mas/87. Man Gutehoffnungshutte GMBH. Pipe spacing grate rod spacing holder for heat exchangers.

662 Mas/87. Atochem. Process for the preparation of vinyl chloride homo- and copolymers capable of forming plastisols.

663 Mas/87. Michalin & CIE (Compagnie Generals des Etablissements MICHELIN). Method and apparatus of manufacturing a tire by the laying of rubber products onto a firm support.

The 11th September, 1987

664 Mas/87. U. Baber. Mobile rail truck.

665 Mas/87. Waterford Research and Development Limited. Soluble tape and film. (Ireland; May 21, 1987).

#### COMPLETE SPECIFICATION ACCEPTED

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CLASS : I87-Ez.

161221

Int. CL : H 04 r 23/00.

#### A FORCE TRANSDUCER FOR GENERATING AN OUTPUT SIGNAL.

Applicant : THE BABCOCK & WILCOX COMPANY, AT 1010 COMMON STREET, P.O. BOX 60035, NEW ORLEANS, LA 70160, UNITED STATES OF AMERICA.

Inventor : I. MARION ALVAH KEYES IV.

Application No. 807/Cat/83 filed June 30, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 5 Claims

A force transducer for generating an output signal corresponding to the magnitude of a force having a force receiving base cantilevered from a fixed base through a flexure spring having a spring rate producing a given displacement of the force receiving base by an applied force of given magnitude, a removable auxiliary spring flexure disposed in parallel relationship to said first spring flexure means for anchoring the opposite ends of said auxiliary spring flexure in said fixed and force receiving bases respectively whereby the displacement of the force receiving platform is substantially the same as for said given displacement for an applied force of greater magnitude than said first named applied force.

Compl. Specn. 8 pages.

Drg. 1 sheet.

CLASS : 32-Fz b; 55-Ez; 60-Xz d.

161222

Int. CL : C 07 d 25/00.

#### A PROCESS FOR THE PREPARATION OF N-FORMYL 3-PHENOXY-1-AZETIDINECARBOXAMIDES.

Applicant : A. H. ROBINS COMPANY, INCORPORATED, OF 1407 CUMMINGS DRIVE, RICHMOND, VIRGINIA 23220, UNITED STATES OF AMERICA.

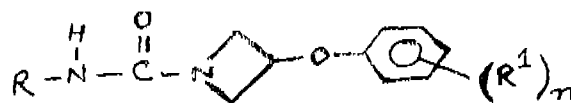
Inventors : I. GEORGE JOSEPH WRIGHT, 2. LINA CHEN TENG.

Application No. 1066/Cat/83 filed September 1, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 3 Claims

A process for the preparation of a compound selected from those having the Formula I shown in the accompanying drawings



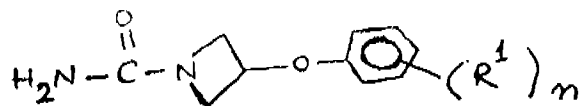
where in

R is formyl;

R¹ is selected from the group consisting of hydrogen, fluoro, loweralkyl, loweralkoxy, trifluoromethyl, acetyl, N-formyl-carboxamido or N-hydroxymethylcarboxamido;

n is selected from 1 to 3 inclusive wherein R<sup>1</sup> may be the same or different,

which comprises reacting a compound having the Formula II shown in Fig. 1 of the drawings,



wherein R<sup>1</sup> is selected from the group consisting of hydrogen, fluoro, loweralkyl, loweralkoxy, trifluoromethyl, acetyl, N-formylcarboxamido or N-hydroxymethyl-carboxamido;

n is selected from 1 to 3 inclusive wherein R<sup>1</sup> may be the same or different,

with a reagent selected from the sources of formic acid.

Compl. specn. 22 pages.

Drg. 1 sheet

CLASS : 148-H

161223

Int. Cl. G 03 g 15 00.

#### DEVICE FOR TRANSFERRING PARTICULATE MATERIAL.

Applicant : XEROX CORPORATION, OF XEROX SQUARE 020, ROCHESTER, NEW YORK 14644, U.S.A.

Inventor : ANTHONY JAMES SKIFELS.

Application No. 1154-Cal/83 filed September 21, 1983.

Convention dated 21st September, 1982 (26824) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 4 Claims

A device for transferring particulate material from a refill container into a hopper for the material, the hopper including a substantially horizontal filling aperture closable by a lid, characterised in that in response to opening said lid, a hinged chute member, sealingly engaging said aperture and containing a receiving orifice for said refill container is urged by means of a spring out of said aperture so that said receiving orifice is inclined to the horizontal, whereby the refill container does not have to be completely inverted in order to introduce the exit orifice of the refill container into the receiving orifice and whereby the refill container when engaged in the receiving orifice, may be inverted to empty the material into the hopper.

Compl. specn. 9 pages

Drg. 3 sheets

CLASS : 14-C

161224

Int. Cl. H 01 v 1, 00

#### THERMOELECTRIC DEVICE EXHIBITING DECREASED STRESS.

Applicant : ENERGY CONVERSION DEVICES, INC OF 1675 WEST MAPLE ROAD, TROY, MICHIGAN 48064, UNITED STATES OF AMERICA.

Inventors : 1. DONALD LLOYD HEATH, 2. DER-JEOU CHOU.

Application No. 124/Cal 84 filed February 22, 1984, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 15 Claims

An improved thermoelectric device providing both structural integrity and relief of stress across the device, not withstanding the application of thermally cycled temperature differentials across said device, said device comprising :

- a plurality of thermoelectric elements ;
- first and second coupling means on opposite respective sides of said thermoelectric elements for interconnecting said elements in accordance with a predetermined pattern ;
- a first rigid substrate affixed to said first coupling means on the side thereof opposite said thermoelectric elements, to provide structural integrity, and;
- means for relieving thermally generated stress associated with said second coupling means, for permitting said elements, said substrate, and said coupling means to expand and contract responsive to thermal cycling of said device.

Compl. specn. 31 pages

Drg. 3 sheets

CLASS : 136-F & F

161225

Int. Cl. : B 28 1/00.

#### AN APPARATUS FOR MAKING MOULDING PRODUCTS FROM MOIST BULK MATERIALS.

Applicants : (1) VSESOIUZNY GOSUDARSTVENNY INSTITUT NAUCHNO-ISSLEDOVATELSKIKH I PROEKTNYKH RABOT OGNEBU-PORNOI PROMYSHLENNOSTI, OF LENINGRAD, NABEREZHNYAYA MAKAROVA, 2, USSR, (2) SEMILUKSKY OGNEUPORNY ZAVOD, OF SEMILUKI, VORONEZHSKAYA OBLAST, USSR.

Inventors : 1. VLADIMIR MOZUSOVICH YAM, 2. VLADIMIR VASILIEVICH MIROSHNICHENKO, 3. ANATONY DMITRIEVICH PIVOVAROV, 4. ALEXANDR NIKOLAEVICH BAXYKIN, 5. GENRIKH EFMOVICH KARAS, 6. GRIFORY IVANOVICH KRUTKO.

Application No. 274 Cal/84 filed April 26, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 3 Claims

An apparatus for making moulding products from moist bulk materials, comprising a vibrating frame complete with a vibrator to induce vertically-directed oscillations imparted to the moulding material via the bottom part of a mould, characterized in that a bed frame is shaped so as to encompass the top surface of the vibrating frame and provided with a lower stop to limit the vibrating-frame oscillation amplitude and an upper stop to limit the vibrating-frame oscillation amplitude positioned with a clearance relative to said vibrating frame, columns are inter-connected by an upper crossbar linked with an upper punch, the there is provided a mechanism for axial translation of the upper punch.

Compl. specn. 12 pages.

Drg. 2 sheets

CLASS : 188

161226

Int. Cl. : C 23 c 13 00, C 23 f 17 00.

#### COATED HARDMETAL BODY AND A PROCESS FOR MAKING THE SAME.

Applicant : FRIED KRUPP GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, OF ALTENDORFER STRASSE 103, D 4300 ESSEN 1, FEDERAL REPUBLIC OF GERMANY.

Inventors : 1. UDO KONIG, 2. HENDRIKUS VAN DEN BERG, 3. NORBERT REITER.

Application 547/Cal/84 filed August 3, 1984.

7 Claims

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 12 Claims

An improved hardmetal body, comprising a hardmetal core and on its surface a layer of atleast one binder metal free hard substance, wherein the hardmetal core comprises cobalt and tungsten carbide and the binder metal free hard substance layer consists of one or more hard oxides, a mixture of one or more hard oxides and one or more hard nitrides, or a mixed crystal of one or more hard oxides and one or more hard nitrides; characterized by the improvement wherein the said hardmetal core has a layer 0.2 to 20 microns thick formed at its surface and is made up of cobalt, tungsten carbide and a CoWB phase, which is embedded into the surface of said hardmetal core said hardmetal body optionally having an additional binder metal free hard substance layer of one or more hard substances selected from the group consisting of carbides, nitrides, brites and oxides of one or more elements selected from the group consisting of aluminum, silicon, titanium, zirconium hafnium, vanadium, niobium, tantalum, chromium, molybdenum, tungsten and yttrium, applied to the binder metal free hard substance layer and wherein the thickness of the combined hard substance layer and wherein the thickness of the combined hard substance layer is from 0.5 to 30 microns.

Compl. specn. 23 pages.

Drg. Nil

CLASS : 71-B, E & G

161227

Int. Cl. : E 21 b 1/00; E 21 b 7/00, 9/00.

#### APPARATUS FOR EXCAVATING BOREHOLES OR CHANNELS.

Applicant : VYSKUMNY USTAV INZENIERSKYCH STAVIEB, OF BRATISLAVA, LAMACSKA CESTA 8, CZECHOSLOVAKIA.

Inventors : 1. ANTON PANACEK, 2. MILAN BACMANAK.

Application No. 450/Cal/84 filed June 27, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 5 Claims

An apparatus for excavating boreholes or channels by means of a grab, consisting of a stationary portion and a movable portion which latter is adapted to be controlled by hydraulic, or mechanical means, characterized in that the stationary grab portion 1' is fixedly attached to the lowermost end of an extension 5, the uppermost end of which is secured to a vibratory hammer 8', and means for controlling the movable portion of the grab are arranged either on said extension 5, or outside the same.

Compl. specn. 11 pages.

Drg. 1 sheet

CLASS : 154-D

161228

Int. Cl. : B 41 f 1/00.

#### INKING MEANS FOR A PRINTING MACHINE.

Applicant : VEB KOMBINAT POLYGRAPH "WERNER LAMBRZ" I EIPZIG, OF 7050 I EIPZIG, AZEINAUNDORFER STR. 59, GERMAN DEMOCRATIC REPUBLIC.

Inventor : I. KIAU ALBERT.

Application No. 723/Cal/84 filed October 15, 1984.

Convention dated 7th May, 1984 (84 J2643) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

Inking means for a printing machine, comprising an ink ductor roller, an ink well which adjoins the roller and the base of which slopes down to towards the roller and is provided with a channel extending in a direction perpendicular to the roller axis, characterised in that a movable well partition member is arranged in the channel to be in sliding contact with the base of the channel at and only at an upper end thereof and provided with a curved bearing surface corresponding in curvature to and resiliently urged against the roller circumference, and a respective ductor blade guiding the partition member at each of two opposite sides thereof, the curved bearing surface having an upper end portion narrowing in wedge shape and a recess extending from a lower end of the surface to a region adjacent to said upper end portion.

Compl. specn. 10 pages.

Drgs. 2 sheets

CLASS : 89

161229

Int. Cl. : G 01 n 11/00.

#### ENTHALPY MEASURING EQUIPMENT FOR MEASURING THE ENTHALPY OF A SUBSTANCE.

Applicant : THE BABCOCK & WILCOX COMPANY, AT 1010 COMMON STREET, NEW ORLEANS, LOUISIANA 70160, UNITED STATES OF AMERICA.

Inventors : 1. AZMI KAYA, 2. MARION ALVANI KEYES.

Application No. 895/Cal/84 filed December 31, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

An enthalpy measuring equipment for measuring the enthalpy of a substance which can be in a two-phase condition, comprising :

temperature transmitting means for transmitting a signal corresponding to a measured temperature substance;

density transmitting means for transmitting a signal corresponding to a measured density of the substance; and

a first enthalpy calculating module for calculating the enthalpy of the substance in a two-phase condition as a function of the measured temperature, the measured density and table values for specific volume of the vapor portion of the substance, specific volume for the liquid portion of the substance, enthalpy of the vapour portion of the substance and enthalpy for the liquid portion of the substance, under known conditions.

Compl. specn. 13 pages.

Drgs. 3 sheets

CLASS : 32-C

161230

Int. Cl. : 07 c 47/52.

#### AN IMPROVED PROCESS FOR THE PREPARATION OF ETHYL METHYL GLYCIDATE COMMONLY KNOWN AS ALDEHYDE C-16.

Applicant : RECKITT & COLMAN OF INDIA LIMITED, OF 41 CHOWRINGHEE ROAD, CALCUTTA-700071, STATE OF WEST BENGAL, INDIA.

Inventors : 1. DR. SURENDRA PRASAD BHATNAGAR, 2. DR. AJAI PRAKASH, 3. DR. SATISH CHANDRA MISRA, 4. DR. RAMANUJAN SRINIVASA PRASAD, 5. DR. SUSHFEL KUMAR SURI.

Application No. 95/Cal/85 filed February 11, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 3 Claims

An improvement in or relating to a process for the preparation of ethyl-β-methyl-β-phenyl-glycidate which comprises condensing ethyl chloro-acetate with acetophenone characterized in that, reaction is carried out in presence of sodium hydride in hydrocarbon solvent at a temperature of 10 to 25°C.

Compl. specn. 7 pages.

Drg. 1 sheet

CLASS : 32 E

161231

Int. Cl. C 08 F-15/00.

A PROCESS FOR THE MANUFACTURE OF A NEW POLYOIMETHYL SILOXAN COPOLYMER.

Applicant : CIBA-GEIGY AG., OF KLYBECKSTRASSE 141, 4002 BASLE, SWITZERLAND, A SWISS CORPORATION.

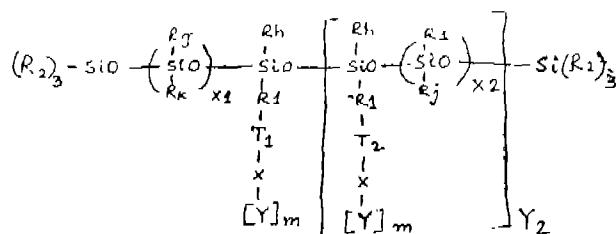
Inventors : KARL FRIEDRICH MUELLER, SONIA JAWORIW HEIBER, WALTER LAWRENCE PLANKI.

Application for Patent No. 698/Del/1983, filed on 10th October, 1983. Divisional Application No. 675/Del/1986 filed on 24th July, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

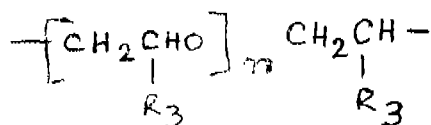
## 13 Claims

A process for the manufacture of a new polydimethyl siloxan copolymer, said copolymer consisting of from 15 to 60 by weight of said copolymer of a linear or branched polysiloxane macromer, having a molecular weight from about 400 to 100 000, as measured by end group analysis or gel permeation chromatography, said macromer containing at least two terminal or pendant, polymerizable olefinic groups per each 5000 molecular weight unit of polysiloxane, said groups being attached to the polysiloxane through at least two urethane, thio-urethane, urea or amide linkages, said macromer having the structure as shown in formula A<sub>1</sub>.



formula A<sub>1</sub>

wherein R<sub>1</sub> is a linear or branched alkylene group with 2-6 carbon atoms or a polyoxyalkylene group of structure as shown in formula G

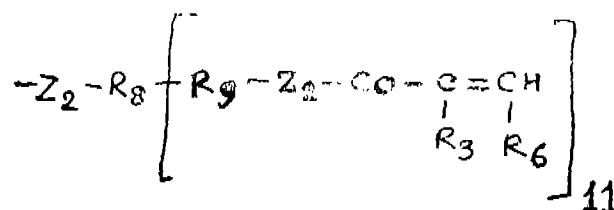


formula G

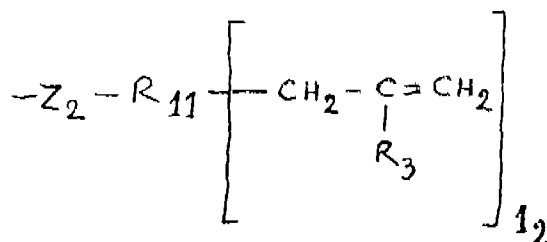
wherein R<sub>3</sub> is hydrogen or methyl and n is an integer from 1-50, R<sub>2</sub>, R<sub>5</sub>, R<sub>6</sub>, R<sub>7</sub>, R<sub>8</sub> and R<sub>9</sub> are methyl, x<sub>1</sub> and x<sub>2</sub> are integers from 1 to 500, with the proviso that the sum of x<sub>1</sub>+x<sub>2</sub> is 7 to 1000, and y<sub>2</sub> is 1 to 13, with the proviso that the ratio of x<sub>1</sub>+x<sub>2</sub> is not greater than 70,

$$y_2 \geq 1$$

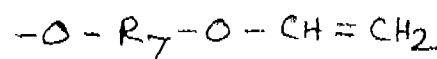
T<sub>2</sub> is a direct bond, m is 1 or 2, x is a di- or tri-radical of the formula C-Z<sub>1</sub>CO-NH-R<sub>4</sub>-(NH-CO-)v (C) wherein v=1 or 2, Z<sub>1</sub> is oxygen, sulfur or NR<sub>5</sub>, and R<sub>5</sub> is hydrogen or lower (C<sub>1</sub>-C<sub>4</sub>) alkyl, Z<sub>1</sub> being connected to R<sub>1</sub>, and R<sub>4</sub> is the di- or trivalent radical obtained by removing the NCO-groups from an aliphatic or cycloaliphatic di- or trisocyanate; Y is a group of the formula I, III or IV



formula I



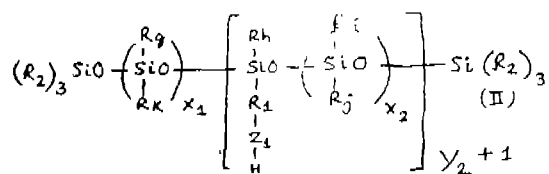
formula III



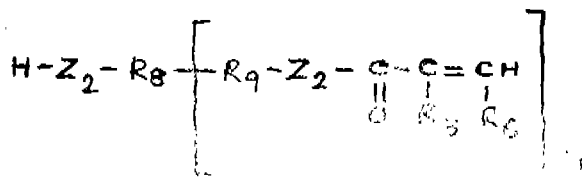
formula IV

wherein R<sub>0</sub> is hydrogen, methyl, -COOR<sub>5</sub> or -COOR<sub>6</sub>/OH, with the proviso that if R<sub>0</sub> is other than hydrogen, m and l<sub>1</sub> are 1 and R<sub>8</sub> is a direct bond; Z<sub>2</sub> is oxygen or -NR<sub>5</sub>, R<sub>7</sub> is a linear or branched alkylene of 2 to 10 carbon atoms, phenylene or phenylalkylene with 2 to 10 carbon atoms in the alkylene, or polyoxyalkylene of the above formula R<sub>8</sub> is R<sub>7</sub> or a tri- or tetra radical residue with 2-4 carbon atoms; l<sub>1</sub> is 1 to 3; R<sub>9</sub> is an alkylene group of from 2 to 4 carbon atoms or a direct bond, with the proviso that if l<sub>1</sub> is 1, R<sub>9</sub> is a direct bond, R<sub>8</sub> thus being a di-radical; R<sub>11</sub> is a direct bond or an aliphatic di-, tri- or tetra-radical with from 1-6 carbon atoms, and l<sub>2</sub> is 1 to 3, with the proviso that if R<sub>11</sub> is a direct bond, l<sub>2</sub> is 1, and of from 85 to 40 by weight of said copolymer of a vinyl monomer consisting of a mixture of a water-soluble monomer B<sub>2</sub> and a water-insoluble monomer B<sub>1</sub>, said monomers being monoolefinic, or a diolefinic monomer B<sub>1</sub>, or a mixture thereof, or a mixture of said monoolefinic and diolefinic monomers, with from 85 to 100 by weight of the total monomers being water-insoluble, said monoolefinic monomers B<sub>1</sub> being selected from acrylates or methacrylates of formula CH<sub>2</sub>=CR<sub>12</sub>COOR<sub>12</sub>, acrylamides or methacrylamides of formula CH<sub>2</sub>=CR<sub>12</sub>CONHR<sub>12</sub>, maleates or fumarates of formula R<sub>12</sub>OCOCH=CHCOOR<sub>12</sub>, itaconates of formula R<sub>12</sub>OOCC(=CH<sub>2</sub>)CH<sub>2</sub>COOR<sub>12</sub>, vinyl esters of formula R<sub>12</sub>COOR=CH<sub>2</sub> or vinyl ethers of formula CH<sub>2</sub>=CHOR<sub>12</sub>, wherein R<sub>3</sub> is hydrogen or methyl, and R<sub>12</sub> is a linear or branched aliphatic, cycloaliphatic or aromatic alkyl group with from 1 to 21 carbon atoms and which may

contain ether or thioether linkages or a -CO- group, or is a heterocyclic substituted alkyl group containing oxygen, sulfur or nitrogen atoms, or a polypropylene oxide or poly-n-butylene oxide group with from 2 to 50 repeating alkoxy units, or is perfluorinated alkyl groups with from 1-2 carbon atoms, or is acrylonitrile, styrene or a methylstyrene; said olefinic monomers  $B_2$  being selected from acrylates or methacrylates of formula  $CH_2=CR_3COOR_{11}$ , acrylamides or methacrylamides of formula  $CH_2=CR_3CONHR_{14}$  or  $CH_2=CR_3CON(R_5)_2$ , malates or fumarates of formula  $R_4OCOC(H)=CHCOOR_{13}$ , vinyl ethers of formula  $CH_2=CHOR_{11}$ , or N-vinyl lactams, wherein  $R_4$  is hydrogen or methyl,  $R_5$  is hydrogen or lower ( $C_1-C_4$ ) alkyl,  $R_{13}$  is a hydrocarbon residue of 1 to 10 carbon atoms substituted by one or more water solubilizing carboxy, hydroxy or tert-amino group, or a polyethylene oxide group with from 2-100 repeating units, and  $R_{11}$  is defined as  $R_{13}$  or as  $R_5$ ; and said diolefinic monomers  $B_1$  being selected from acrylates or methacrylates of allyl alcohol, diacrylates or dimethacrylates of straight or branched chain alkylene glycol of 2 to 6 carbon atoms, of poly (ethylene oxide) glycol, of poly (propylene oxide) glycol, of poly (n-butylene oxide) glycol, of thiodiethylene glycol, of neopentylene glycol, of trimethylolpropane, or of pentaerythritol, or the reaction product obtained by reacting one mol of a di- or tri-isocyanate of structure  $OCN-R_4(NCO)_v$ , where  $R_4$  is defined as above and  $v$  is 1 or 2, with 2 or 3 moles of a hydroxyalkyl acrylate or methacrylate, which process comprises in a manner known per se reacting polysiloxane compounds of the formula  $A_1$

Formula  $A_4$ 

wherein  $R_1$ ,  $R_2$ ,  $R_3$ ,  $R_4$ ,  $R_5$ ,  $R_6$ ,  $R_7$ ,  $R_8$ ,  $R_9$ ,  $R_K$ ,  $Z_1$ ,  $x_1$ ,  $x_2$  and  $y_2$  have the meanings given above, with di- or triisocyanates of the formula  $OCN-R_4(NCO)_v$  in which  $R_4$  and  $v$  have the meanings given above, in the presence of a catalyst, endcapping the resulting polysiloxane-polyisocyanate prepolymers by reacting them with small excesses of active hydrogen-containing monomers represented by the formula XIV



Formula XIV

wherein  $R_8$ ,  $R_9$ ,  $R_4$ ,  $R_5$ ,  $Z_2$  and  $1_1$  have the above-given meaning, allyl alcohol or methallyl alcohol, or compounds of the formula  $H_2C=CH-O-R_7-CO$  in which  $R_7$  has the formula above given meaning, so as to form the polysiloxane macromers having the  $A_2$  as defined above, which are copolymerized with a vinyl monomer comprising a mixture of a water-soluble monomer  $B_2$  and a water-insoluble monomer  $B_1$  defined above to obtain said polydimethyl siloxane copolymer.

Compl. Specn. 72 pages.

Drgs. 4 sheets

CLASS : 108 B<sub>2</sub> (a).

161232

Int. Cl. : C 21 b 7. 20.

# "DEVICE FOR DETERMINING THE PROFILE OF THE CHARGING SURFACE OF A SHAFT FURNACE".

Applicant : PAUL WURTH S.A., of 32 rue d'Alsace, Luxembourg, Grand-Duchy of Luxembourg, a company organised under the laws of the Luxembourg.

Inventors : PIERRE MAILLET, EMILE LONARDI, HENRI RADOUX & VICTOR KREMER.

Application for Patent No. 700/Del/84 filed on 6th September, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

## 19 Claims

A device for determining the profile of a charging surface of a shaft furnace, said device comprising of a series of level probes, each comprising a weight suspended vertically above the charging surface on one of the ends of a cable projecting from a supporting arm, the opposite ends of each of these cables being wound, outside the furnace, on to a winding drum, each of these drums being controlled by a drive device so as to raise or lower the probe connected to this drum, measuring device for measuring the unbinding of the cable from the drum and the descent of the probe onto the surface, wherein the supporting arm consists of a closed cylindrical sleeve with a series of orifices on the lower face for the passage of the cables and which contains a series of guide tubes connecting each of the said orifices to an external control unit comprising the winding drums, a series of shunts arranged transversely in the sleeve for retaining the said tubes and one or more cooling circuits extending over the entire length of the sleeve and round each of the guide tubes, wherein each drive means comprises an electric motor acting on the shaft of the drum and connected to a torque meter for measuring the torque reaction, and wherein each probe is connected to at least one device for damping the shocks when the weights are raised.

Compl. Specn. 24 pages.

Drgs. 8 sheets.

CLASS : 32 F

161233

Int. Cl. : C 08 g 20 00 &amp; 41/02.

# "A PROCESS FOR THE PREPARATION OF A HIGH MOLECULAR WEIGHT POLYAMIDE".

Applicant : SHRI RAM INSTITUTE FOR INDUSTRIAL RESEARCH, 19 UNIVERSITY ROAD, DELHI-110007, INDIA, AN INDIAN INSTITUTE.

Inventors : BALKAR SINGH, PRAVEEN KUMAR KAICKER AND VIRENDER KUMAR TANDON.

Application for Patent No. 703/Del/84 filed on 6th September, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

## 4 Claims

A process for the preparation of nylon 66, which comprises in heating an amine salt of a dicarboxylic acid such as adipic, pimelic, suberic or azelaic in a closed vessel till a pressure of 240 to 260 p.s.i. and temperature between 210 to 215°C is achieved, thereafter gradually increasing the temperature upto 280°C while maintaining the pressure, maintaining said temperature and pressure for a period between 30 minutes to 1 hour, gradually reducing the pressure over a period not exceeding 1 hour while maintaining the temperature for a period of 30 minutes to 1 hour and finally applying vacuum to the melt to provide a polymer having an average molecular weight of 25 000 to 30 000.

Compl. specn. 8 pages.

CLASS : 85 j

161234

Int. Cl. : F 27 d 9/00.

"A PACKING SHEET FOR USE IN A DEVICE FOR EFFECTING HEAT EXCHANGE BETWEEN A FILM OF LIQUID AND A GAS STREAM".

Applicant : ALBERT FREDERICK WIGLEY, A BRITISH CITIZEN, OF STAFFORD ROAD, CROYDON CR9 4DT, GREAT BRITAIN.

Inventor : ALBERT FREDERICK WIGLEY.

Application for Patent No. 727/Del/84 filed on 18th September, 1984.

Convention date 15th October, 1983 8327664 & 29th February, 1984/8405224/(U.K.).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

## 7 Claims

A packing sheet for use in a device wherein a film of liquid and a gas stream are brought into contact to effect heat exchange therebetween, said sheet being continuously corrugated to define a plurality of parallel depressions having walls, said depressions being generally V-shaped in cross-section, said sheet being provided with angled projections in said walls of said depressions said angled projections extending continuously between two adjacent crests of said depressions and being so disposed on the sheet that each angled projection has one end adjacent to a middle portion of an adjacent angled projection and so that adjacent projections project from opposite sides of the sheet.

Compl. specn. 9 pages.

Drgs. 4 sheets

CLASS : 40 H

161235

Int. Cl. : B 01 d 53.04.

A RAPID PRESSURE SWING ADSORPTION PROCESS FOR THE SEPARATION OF GASES FROM FEED GAS MIXTURES".

Applicant : UNION CARBIDE CORPORATION, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF NEW YORK, LOCATED AT OLD RIDGERURY ROAD DANBURY, STATE OF CONNECTICUT 06817, UNITED STATES OF AMERICA, MANUFACTURERS.

Inventors : THOMAS JOSEPH DANGIERI & ROBERT THOMAS CASSIDY.

Application for Patent No. 753/Del/84 filed on 26th September, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

## 24 Claims

A rapid pressure swing adsorption process for the selective adsorption of at least one more readily adsorbable gas component from a feed gas mixture in an adsorbent system having a single adsorbent bed that undergoes a cyclic processing sequence that includes (a) feeding said gas mixture to the feed end of the bed for adsorption at high adsorption pressure, with discharge of a less readily adsorbable gas component as product effluent from the discharge end of the bed, (b), countercurrently depressurizing said bed, thereby exhausting the more readily adsorbable component from the feed end of the bed, and (c) repressurizing said bed from the lower pressure reached during countercurrent depressurization, the total cycle time being less than about 30 seconds, the improvement comprising feeding said gas mixture to said adsorbent bed configured such that the ratio of the cross sectional area thereof at the feed end to that at the discharge end of the bed is from about 2/1 to about 20/1, and employing an exhaust step time of less than twice the feed step time, whereby enhanced adsorbent productivity

and product recovery can be achieved, together with desirable reduction in power consumption and adsorbent inventory requirements.

Compl. specn. 48 pages.

CLASS : 5 B

161236

Int. Cl. : A 01 g 9/00.

"VERTICALLY ORIENTED GARDEN STRUCTURES".

Applicant & Inventor : FRANK WESLEY MOFFETT, JR., A U.S. CITIZEN, OF 944 ALLEN CREEK ROAD, ROCHESTER, NEW YORK 14618, UNITED STATES OF AMERICA.

Application for Patent No. 784/Del/84 filed on 9th October, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

## 11 Claims

A vertically oriented garden structure comprising :

at least one unitary elongated enclosure for holding a growing medium;

said enclosure having a central hollow body with a substantially uniform cross-section throughout its height;

bottom and top closed end portions at opposite ends of said enclosure, each having substantially the same cross-section as said body member, said closed end portions of said enclosure having a reduced cross-sectional area to form bottom and top shoulders at the junctions of said end portions and body member;

said top end portion with said top shoulder being a tray cover for said enclosure when severed from said body member and reversed in position to seat on said body member end portion with said top shoulder engaging the end of said body member;

plant openings in said body member and tray cover; and

a cover slip for detachably covering each plant opening.

Compl. specn. 13 pages.

Drgs. 5 sheets

CLASS : 166 A

161237

Int. Cl. : B 63 j 2/14:

"SHIPPING CONTAINER FOR STORING MATERIALS AT CRYOGENIC TEMPERATURES".

Applicant : HARSCO CORPORATION, A CORPORATION OF THE STATE OF DELAWARE AND HAVING AN OFFICE AT HARRISBURG, PENNSYLVANIA, UNITED STATES OF AMERICA.

Inventors : JOHN KELVIN YOUNG & ALFRED BARTHEL.

Application for Patent No. 801/Del/84 filed on 16th October, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

## 14 Claims

A shipping container for transporting materials at cryogenic temperatures which comprises a shell or housing having located therein means for holding under said cryogenic conditions the materials to be transported, said means comprising a central core permeable to gaseous and/or liquid nitrogen and being provided with at least one cavity into which said materials to be transported can be removeably placed and,



surrounding said core as a homogeneous body, a structure comprising a microfibrinous mass of very small diameter randomly oriented inorganic fibres of the kind such as herein described, said structure being capable of holding a liquified gas such as liquid nitrogen in adsorption and capillary suspension within the interior of said shell, the outside diameter of said microfibrinous structure conforming to the diameter of said shell.

Compl. specn. 21 pages.

Drgs. 3 sheets

CLASS : 158 E<sub>3</sub>

161238

Int. Cl. : B 61 f 5/24.

"DAMPING MECHANISM FOR A RAILWAY CAR TRUCK".

Applicant : BUCKEYE INTERNATIONAL, INC., A CORPORATION OF THE STATE OF OHIO, OF 1205 DEARBORN DRIVE, COLUMBUS, OHIO 43085, UNITED STATES OF AMERICA.

Inventor : JAMES EDDY SOLOMON.

Application for Patent No. 836/Del/1984 filed on 27th October, 84.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

#### 7 Claims

Damping mechanism for a railway car truck comprising a pair of spaced side frames supported on wheel assemblies, bolster openings, one side bolster opening in each said side frame, a bolster having its opposite ends received in respective side frame bolster openings, bolster spring means in each side frame supporting said opposite ends of said bolster, each of said side frames having a pair of wedge pockets formed therein on opposite sides of the adjacent bolster end, a pair of friction damping wedges mounted in respective ones of said pockets in each of said side frames, first biasing means biasing said wedges upwardly in said pockets into engagement with opposite sides of said adjacent bolster end, and second biasing means biasing each of said wedges in its pocket toward the outside of the corresponding side frame.

Compl. specn. 1 page.

Drgs. 2 sheets

CLASS : 6A<sub>4</sub>

161239

Int. C. : F01n 1/00, F04d 29/66.

#### A MOTOR COMPRESSOR.

Applicant : NECCHI SOCIETA PER AZIONI, A COMPANY ORGANISED UNDER LAW OF THE ITALIAN REPUBLIC OF, VIA RISMONDO 78, PAVIA, ITALY.

Inventor : ALFREDO BAR.

Application for Patent No. 867/Del/1984 filed on 15th November, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

#### 4 Claims

A motor compressor comprising a driving electric motor, a cylinder, a cylinder head in which the suction and discharge chambers of the refrigerating gas are made out and a muffler, characterized in that said muffler has a body closed at the lower side by a cover and provided on its frontal wall with a hole through which the refrigerating gas is sucked, first means being provided internally to said body in order to separate said refrigerating gas from the oil particles contained therein, and second means being provided to discharge said oil.

Compl. specn. 7 pages.

Drg. 2 sheets

CLASS : 68 B

161240

Int. Cl. : A61g 5/02.

#### A HAND LEVER OPERATED WHEEL CHAIR.

Applicant : ARTIFICIAL LIMBS MANUFACTURING CORPORATION OF INDIA, A GOVERNMENT OF INDIA UNDERTAKING, OF G.T. ROAD, KANPUR-208016, U.P., INDIA.

Inventors : PRADEEP NARAYAN KHER & RAM PHER.

Application for Patent No. 889/Del.84 filed on 23rd November, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

#### 8 Claims

##### A wheel chair comprising :

a seat mounted on a frame structure having two rear wheels mounted on a shaft supported by a frame, which rear wheels are provided on either side of the said seat and a front wheel mounted on a fork member on the front of the frame;

the seat having arm rests and handles for manually moving the wheel chair;

characterised in that said seat is slidable on the said frame structure by means of a pair of tubes provided on the undersurface of the seat, which said tubes are connected by slidable clamps to another pair of tubes which are integral with the main frame of the seat and two bars fixed on the main frame of the seat for preventing the seat from slipping out;

the said wheel chair further provided with a drive means operated by a hand lever for propelling the wheel chair;

the said drive means having two upright levers hingedly connected to the side of the seat;

the upper portion of the two upright levers being provided with hand grips of which one is adapted to be rotated for steering the wheel chair;

the lower portion of the said levers being connected with the cranks of a drive gear by a linkage;

said drive gear meshing with a sprocket wheel which is mounted on the said shaft on which the rear wheels are mounted;

said front wheel being steerable by a steering shaft housed within one of the said upright levers and connected at one end to the said rotatable hand grip and having at the other end a pinion engaging a rack which is connected to the said front wheel through a link system;

brakes for stopping the wheel chair while in motion and a parking brake being provided for holding the wheel chair stationary.

Compl. specn. 18 pages.

Drg. 2 sheets

#### CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT, 1970

The claims made by Walther & CIE AG under Section 20(1) of the Patents Act, 1970 to proceed the application for Patent No. 153157 in their name has been allowed.

#### PATENT SEALED

144166	145666	147115	153157	153691	155677	155679
156375	158073	158074	158076	158078	158079	158084
158091	158096	158107	158112	158113	158114	158121
158131	158133	158135	158136	158137	158139	158146
158207	158209	158233	158243	158244	158245	158246
158256	158257	158262	158384	158443	158444	158446
158457	158638					

## NO PATENTS

145322	145527	145534	145555	145556	145558	145559
145576	145577	145579	145586	145589	145595	145596
145709	145713	145714	145719	148654	154013	154020
154029	154046	154049	154062	154074	154076	154085
154088	154106	154110	154131	154132	154172	154185
154236	154246	154253	154263	154305	154320	154344
154786	154909	154916	154917	154928	154931	

## RENEWAL FEES PAID

140827	140886	141133	141316	141873	143239	143249
143521	143785	144026	144036	144150	144293	144730
144752	145083	145084	145085	145376	145380	145463
145553	145742	145752	146099	146124	146280	146281
146307	146452	146514	146531	146628	146745	146879
146940	147013	147017	147149	147225	147262	147297
147559	147677	147949	148673	149107	149212	149213
149324	149382	149418	149431	149664	149688	149689
149694	149764	149794	149831	150033	150034	150048
150158	150372	150590	150626	150650	150729	150945
150955	151009	151318	151319	151330	151506	151549
151628	151779	151783	151882	151883	151866	151867
152280	152363	152413	152446	152507	152568	152715
152754	152804	153063	153259	153271	153273	153475
153476	153533	153638	153812	153990	153991	154128
154901	154903	154717	154718	154967	155044	155045
155084	155089	155123	155124	155125	155126	155168
155281	155462	155485	155548	155681	155704	155758
156007	156053	156147	156223	156224	156231	156243
156259	156260	156282	156339	156348	156361	156362
156364	156390	156480	156502	156574	156582	156713
156714	156745	156807	157002	157081	157118	157284
157307	157387	157534	157581	157623	157778	157820
158031	158211	158218				

## RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 152008 granted to Kalyan Kumar Sengupta for an invention relating to "an improved artificial respirator".

The patent ceased on the 28-2-86 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part-III, Section 2, dated the 9-5-87.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in Duplicate with the Controller of Patents, The Patent Office 234/4, Acharya Jagadish Bose Road, Calcutta-700020 on or before the 24th Dec. 1987 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

## REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry

Class 1 No. 158067. Premier Irrigation Equipment Ltd., Indian Company of 17/1C, Alipore Road, Calcutta-700027, W.B., India. "Hose Pipe coupling bends". March 3, 1987.

Class 1. Nos. 158063 to 158066 & 158068 & 158069. Premier Irrigation Equipment Ltd., Indian Company of 17/1C, Alipore Road, Calcutta-700027, West Bengal, India. "Hose Pipe coupling". March 3, 1987.

Class 1. No. 158078. Premier Irrigation Equipment Ltd., an Indian Company of 17/1C, Alipore Road, Calcutta-700027, West Bengal, India. "T-couplings for hose pipes". March 3, 1987.

Class 1. No. 158076. Premier Irrigation Equipment Ltd., an Indian Company of 17/1C, Alipore Road, Calcutta-700027, West Bengal, India. "Hook for hose pipe coupling". March 3, 1987.

Class 1. Nos. 158079 & 158080 Premier Irrigation Equipment Ltd., an Indian Company of 17/1C, Alipore Road, Calcutta-700027, West Bengal, India. "Sprinkler". March 3, 1987.

Class 1. No. 157896. Special Machines, Indian Proprietary Firm. Bye-pass, Kumbhura Crossing, Karnal-132001, Haryana, India. "Dry Mixer". January 20, 1987.

Class 3. Nos. 158073 & 158074 Premier Irrigation Equipment Ltd., Indian Company of 17/1C, Alipore Road, Calcutta-700027, West Bengal, India. "Gasket for hose pipe couplings". March 3, 1987.

Class 3. No. 157984. Jindal Vanaspati Udyog Pvt. Ltd., Ram Nagar Road, Kashipur, Dist. Nainital, U.P., Indian Company. "Bottle". February 6, 1987.

## COPYRIGHT EXTENDED FOR THE 2ND PERIOD OF FIVE YEARS

Nos. 150801 & 150802 . . . . . Class 1.

Name Index of Applicants for Patents for the Month of November, 1986. (Nos. 797/Cal/86 to 865/Cal/86, 967/Del/86 to 1044/Del/86, 857/Mas/86 to 922/Mas/86 and 303/Bom/86 to 324/Bom/86)

Name	Appln. No.
A	
Abraham V.A.—866/Mas/86.	
Advanced Separation Technologies Incorporated.—1006/Del/86.	
Agarwal A. K.—997/Del/86.	
Agrawal M. (Smt.).—320/Bom/86, 321/Bom/86.	
Agrawal M.—320/Bom/86, 321/Bom/86.	
Aktiebolaget electrolux.—810/Cal/86.	
Albert Handtmann Maschinenfabrik GMBH & Co.—912/Mas/86.	
Albright & Wilson Limited.—984/Del/86.	
Alcan International Limited.—979/Del/86.	
American Can Company.—854/Cal/86.	
American Can Packaging Inc.—864/Cal/86.	
Amoco Corporation.—993/Del/86.	
Apac Research Ltd.—797/Cal/86.	
Atmaram M.R.—316/Bom/86.	
Atochem.—885/Mas/86.	
Ayyathurai R.S.P.—857/Mas/86.	
Azhigaliev G. K.—806/Cal/86.	

## B

Basf Lacke & Farben AG.—904/Mas/86, 905/Mas/86.

B.F. Goodrich Company, The.—989/Del/86, 990/Del/86, 1032/Del/86, 1039/Del/86.

[illegible]

<i>Name</i>	<i>Appln. No.</i>	<i>Name</i>	<i>Appln. No.</i>
<b>K—Contd.</b>		<b>P</b>	
Kutsov V. D.—807/Cal/86.		PHB Wesserhutte Aktiengesellschaft.—801/Cal/86, 840/Cal/86, 845/Cal/86, 849/Cal/86.	
Kyorin Pharmaceutical Co. Ltd.—922/Mas/86.		Pannalal N.—318/Bom/86, 319/Bom/86.	
<b>L</b>		Patel B. S.—317/Bom/86.	
L & C Steinmuller GMBH.—831/Cal/86.		Patrick A.—867/Mas/86.	
Lebever Co.—1031/Del/86.		Perlman W.—876/Mas/86.	
Lastochkin B. N.—807/Cal/86.		Phillips Petroleum Company.—819/Cal/86.	
Lczhenin V. V.—806/Cal/86.		Piaggio & C.S.P.A.—1000/Del/86.	
Lipatov A. I.—806/Cal/86.		Pillay P.B.S.—889/Mas/86.	
Ljushin S. F.—806/Cal/86.		Plessey Company Plc, The.—903/Mas/86.	
Loc-Tox International Pty. Limited.—1002/Del/86.		<b>R</b>	
Lubrizol Corporation, The.—808/Cal/86, 1026/Del/86, 1028/Del/86.		Ra Nova Inc.—1004/Del/86.	
Lucas Industries Public Limited Company.—918/Mas/86, 919/Mas/86, 920/Mas/86, 1020/Del/86.		Ramachandra, J. N.—306/Bom/86, 307/Bom/86, 308/Bom/86.	
<b>M</b>		Rank Taydor Hobson Limited.—892/Mas/86.	
Malayasian Rubber Producers Research Association, The.—1036/Del/86.		Rao L. R.—868/Mas/86.	
Malinin N. K.—806/Cal/86.		Reckitt & Colman Products Limited.—812/Cal/86.	
Mamtora H. H.—312/Bom/86.		Rego-Fix AG.—869/Mas/86.	
Mamtora P. H.—312/Bom/86.		Romeo, M. L.—1043/Del/86.	
Marathe Engineering Industries—310/Bom/86.		Rudomino M. V.—806/Cal/86.	
Maschinenfabrik Rieter AG.—895/Mas/86, 913/Mas/86.		<b>S</b>	
Mehta A. J.—314/Bom/86.		Sab Nife AB.—1020/Del/86.	
Merlin Gerin Co.—899/Mas/86.		Sanden Corporation.—994/Del/86, 995/Del/86.	
Metal Box PLC.—881/Mas/86.		Sarkar C.N. (Sri).—818/Cal/86.	
Metallgesellschaft Aktiengesellschaft—863/Cal/86.		Sarkar, S. (Sri).—818/Cal/86.	
Michel G.—907/Mas/86.		Sastry C.H.S.S.N.—888/Mas/86.	
Mining & Allied Machinery Corporation Ltd.—856/Cal/86.		Sato M.—880/Mas/86.	
Minister of Agriculture Fisheries and Food in her Britannic Majesty's Govt. of the United Kingdom of Great Britain and Northern Ireland, The.—996/Del/86.		Schubert & Salzer Maschinenfabrik Aktiengesellschaft.—861/Mas/86, 879/Mas/86.	
Mistry C. L. (Sri).—1010/Del/86.		Secretary of State for Defence in her Britannic Majesty's Govt. of the United Kingdom, The.—969/Del/86.	
Mitsui Toatsu Chemicals Incorporated.—814/Cal/86, 815/Cal/86, 859/Cal/86.		Seegmiller B. L.—1016/Del/86.	
<b>N</b>		Shell International Research Maatschappij B. V.—858/Mas/86, 873/Mas/86, 906/Mas/86, 975/Del/86, 1035/Del/86.	
Natarajan G. V.—882/Mas/86.		Shinju Etsu Chemical Co. Ltd.—800/Cal/86.	
Nath R.—987/Del/86, 988/Del/86.		Shkuro A. G.—806/Cal/86.	
National Starch and Chemical Corporation.—908/Mas/86.		Sico Incorporated.—799/Cal/86.	
Nauchno-Proizvodstvennoe Obiedinenie ("Tekhnenergokhim-prom").—822/Cal/86.		Siemens Aktiengesellschaft—813/Cal/86, 832/Cal/86, 850/Cal/86.	
Nechvolodov G. V.—807/Cal/86.		Simon-Macawber Limited—101/Del/86.	
Nodest Vei A/s.—970/Del/86, 1040/Del/86.		Societe De Paris ET DU Rhone—829/Cal/86.	
Normalair-Garrett (Holding) Limited.—886/Mas/86.		Societe Des Produits Nestle S. A.—871/Mas/86.	
<b>O</b>		South India Textile Research Association, The.—877/Mas/86.	
Oberg Enterprises, Inc.—896/Mas/86.		Standard Oil Company, The.—1007/Del/86, 1027/Del/86.	
Osrodek Badawczo-Rozwojoway Urzadzen Mechanicznych.—884/Mas/86.		Standcar (Proprietary) Ltd.—872/Mas/86.	
Owens-Illinois, Inc.—914/Mas/86, 915/Mas/86.		State of Israel—865/Mas/86.	
		Stockholm Trade Company, Aktiebolag—1013/Del/86.	
		Sumitomo Metal Industries Ltd.—902/Mas/86.	
		Syntex U. S. A. Inc.—910/Mas/86.	

Name	Appln. No.	Name	Appln. No.
<b>T</b>		Vsesojuzny Gosudarstvenny Institut Nauchnoissledovatel'skikh i Proektnykh Rabot Otdel Promyshlennosti—847/Cal/86, 848/Cal/86.	
Telemart Communications Corporation—878/Mas/86.		Vsesojuzny Nauchno-Issledo-Vatel'sky Proektmo-Konstruktor'sky i Tekhnologicheskyy Institut Elektro-termicheskogo Oborudovaniya (Vniiteto)—842/Cal/86.	
Tsudakoma Tokyo Kabushiki Kaisha—1041/Del/86, 1042/Del/86, 1044/Del/86.		<b>W</b>	
<b>U</b>		W & A Bates Limited—836/Cal/86.	
Uop Inc—976/Del/86, 1008/Del/86, 1034/Del/86.		Ward Blenkinsop & Company Limited—1037/Del/86.	
Unicorn Industries Public Limited Company—1024/Del/86.		Warner-Lambert Company—1005/Del/86.	
Union Rheinische Braunkohlen Kraftstoff AG—1014/Del/86.		Weh. H.—862/Mas/86.	
United Technologies Corporation—821/Cal/86, 835/Cal/86.		Westinghouse Electric Corporation—804/Cal/86.	
Usha Martin Industries Ltd.—874/Mas/86.		<b>Y</b>	
<b>V</b>		Yadav M. R.—999/Del/86.	
V. I. P. Industries Ltd.—311/Bom/86.		<b>Z</b>	
Valadares J. A.—303/Bom/86, 304/Bom/86.		Zhdanovsky Metallurgicheskyy Institut—839/Cal/86.	
Vapocure Technologies Limited—1033/Del/86.		<b>R. A. ACHARYA</b>	
Venkatachalapathy G.—897/Mas/86.		Controller-General of Patents,	
Vickers Australia Limited—870/Mas/86.		Design and Trade Marks	

